

Message

From: Brasaemle, Karla [Karla.Brasaemle@TechLawInc.com]
Sent: 6/22/2017 9:32:10 PM
To: Davis, Eva [Davis.Eva@epa.gov]; Dan Pope [DPope@css-inc.com]; d'Almeida, Carolyn K. [dAlmeida.Carolyn@epa.gov]; Wayne Miller [Miller.Wayne@azdeq.gov]; Jennings, Eleanor [Eleanor.Jennings@parsons.com]; Steve Willis [steve@uxopro.com]; Bo Stewart [Bo@Praxis-Enviro.com]
CC: Cosler, Doug [Doug.Cosler@TechLawInc.com]
Subject: RE: Williams - ST012 - Period ending 5/12 report

Is there a map we can use for this purpose?

Karla Brasaemle, P.G.,
TechLaw, Inc.
415-762-0566

-----Original Message-----

From: Davis, Eva [mailto:Davis.Eva@epa.gov]
Sent: Thursday, June 22, 2017 2:31 PM
To: Dan Pope <DPope@css-inc.com>; d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>; Wayne Miller <Miller.Wayne@azdeq.gov>; Jennings, Eleanor <Eleanor.Jennings@parsons.com>; Steve Willis <steve@uxopro.com>; Bo Stewart <Bo@Praxis-Enviro.com>
Cc: Cosler, Doug <Doug.Cosler@TechLawInc.com>; Brasaemle, Karla <Karla.Brasaemle@TechLawInc.com>
Subject: RE: Williams - ST012 - Period ending 5/12 report

You people need to see where the high temperatures are in relation to where they plan on trying to treat

-----Original Message-----

From: Dan Pope [mailto:DPope@css-inc.com]
Sent: Thursday, June 22, 2017 4:29 PM
To: d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>; Davis, Eva <Davis.Eva@epa.gov>; Wayne Miller <Miller.Wayne@azdeq.gov>; Jennings, Eleanor <Eleanor.Jennings@parsons.com>; Steve Willis <steve@uxopro.com>; Bo Stewart <Bo@Praxis-Enviro.com>
Cc: Cosler, Doug <Doug.Cosler@TechLawInc.com>; Brasaemle, Karla <Karla.Brasaemle@TechLawInc.com>
Subject: RE: Williams - ST012 - Period ending 5/12 report

Sounds reasonable to me.

-----Original Message-----

From: d'Almeida, Carolyn K. [mailto:dAlmeida.Carolyn@epa.gov]
Sent: Thursday, June 22, 2017 4:27 PM
To: Davis, Eva; Dan Pope; Wayne Miller; Jennings, Eleanor; Steve Willis; Bo Stewart
Cc: Cosler, Doug; Brasaemle, Karla
Subject: RE: Williams - ST012 - Period ending 5/12 report

Just a guess, but I think the concern is a 1 degree change in temp over course of day could be a stressor on the bugs that are present in that location. I suspect they realize that EBR wont be effective in the SEE treatment area because it is too hot, that's why they are focusing on the perimeter. And if they do significant extraction, the temperature redistribution will kill off the bugs that are present.

Carolyn d'Almeida
Remedial Project Manager
Federal Facilities Branch (SFD 8-1)
US EPA Region 9
(415) 972-3150

"Because a waste is a terrible thing to mind..."

-----Original Message-----

From: Davis, Eva
Sent: Thursday, June 22, 2017 2:10 PM
To: d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>; Dan Pope <DPope@css-inc.com>; Wayne Miller <Miller.Wayne@azdeq.gov>; Jennings, Eleanor <Eleanor.Jennings@parsons.com>; Steve Willis <steve@uxopro.com>; Bo Stewart <Bo@Praxis-Enviro.com>
Cc: Cosler, Doug <Doug.Cosler@TechLawInc.com>; Brasaemle, Karla <Karla.Brasaemle@TechLawInc.com>
Subject: FW: Williams - ST012 - Period ending 5/12 report

I have a real disconnect on this - hope the microbiologists on the call know more about this than I do - they are concerned that a 1F/day temperature increase in the extraction wells could affect the microbial

population, but they think the temps out there (see attached report and look at where the TMPs are relative to where they plan on pumping) aren't a problem? Can those bugs work at temps up to 200F?

-----Original Message-----

From: Smallbeck, Donald R. [mailto:Donald.Smallbeck@amecfw.com]
Sent: Monday, June 12, 2017 10:06 AM
To: 'Wayne Miller' <Miller.Wayne@azdeq.gov>; d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>
Cc: JERRARD, CATHERINE V CIV USAF HAF AFCEC/CIBW <catherine.jerrard@us.af.mil>; Pearson, Stuart C. <Stuart.Pearson@amecfw.com>; 'steve@uxopro.com' <steve@uxopro.com>; Davis, Eva <Davis.Eva@epa.gov>; d p <DPope@css-dynamac.com>; 'Brasaemle, Karla' <KBrasaemle@TechLawInc.com>; Levine, Herb <Levine.Herb@epa.gov>
Subject: Williams - ST012 - Period ending 5/12 report

BCT members

Please find attached for your information the preliminary report describing ST012 activities for the period from April 29 thru May 12, 2017.

D.R. Smallbeck
Principal Program Manager
Construction Remediation

Amec Foster Wheeler
4600 E Washington Street, Suite 600
Phoenix, Arizona 85034
Tel: 602-733-6040
Cell: 707-480-7212
Donald.Smallbeck@amecfw.com
amecfw.com

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